

ECE-345-001 (Fall 2020)

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Review Test Submission: Quiz 1.6

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Course	Intro to Control Systems - Fall 2020 Section Group I67
Test	Quiz 1.6
Started	8/19/20 12:38 AM
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Status	Completed
Attempt Score	4 out of 4 points
Time Elapsed	1 minute
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1

1 out of 1 points



Which of the following best describes the unit step, $1(t)$?

Selected Answer:

Has the value 0 for negative time, and the value 1 for positive time

Question 2

1 out of 1 points



Which of the following best describes the impulse, $\delta(t)$? (More than one answer may be correct.)

Selected Answers:

- Infinte magnitude over an infinitesimally small time
- Its integral over all time is 1

Question 3

1 out of 1 points



Which of the following signals are typical test signals? (More than one answer may be correct.)

Selected Answers:

- $\delta(t)$
- $\sin(\omega t)$
- $1(t)$

Question 4

1 out of 1 points



Which of the following statements are correct? (More than answer may be selected.)
Test signals are useful because:

Selected
Answers:

- They can be used to define common characteristics that describe system response
- They facilitate analysis and design of control systems
- They can be used to infer system response to other input signals